

REF ID: A25X1

OUT60556

P 030238Z
 FM NPIC
 TO DIRNSA
 CNO

1966 DEC 3 03 02Z

25X1

15 DEC 1966

DISTRIBUTION	
By Recd	Class
2	EMB
2	CS
3	CNO DA
3	CSG
4	CSG
5	CSG
5	CSG
6	CSG
6	CSG
7	CSG

OPCEN
 STATE/RCI
 CINCLANTFLT
 CINCPACFLT
 CINCUSNAVEUR
 CINCLANT
 CINCPAC
 LANTINTCEN
 FICPAC
 COMNAVFORJAPAN
 COMSECONDFLT
 YDHAVQC/CINCEUR
 YSHKLRC/USARPAC
 AFSSO PACAF
 AFSSO ACIC
 AFSSO FTD
 AFSSO AFSC
 AFSSO BSD
 AFSSO ESD
 AFSSO SSD
 AFSSO USAF (ALSO PASS NIC)
 AFSSO USAFE
 USAFSS
 INFO FICEUR
 ZEM

TOP SECRET

Declassification Review by NGA/DoD

CITE NPIC 9220.

25X1

REF NPIC/PIR

25X1

TOP SECRET

GROUP 1
 Excluded from automatic
 downgrading and
 declassification

TOP SECRET

-END OF MESSAGE- ALSO PASSED

25X1

-2-

AS A RESULT OF PHOTOGRAPHIC ANALYSIS ACCOMPLISHED IN
CONCERT WITH [REDACTED] PHOTO INTERPRETERS DURING A RECENT 25X1
VISIT TO THEIR [REDACTED] FACILITY, AND WITH ADDITIONAL ANALYSIS SINCE 25X1
THAT TIME, IT HAS BEEN DETERMINED THAT THE TRACKING/GUIDANCE
OR ENGAGEMENT RADAR ASSOCIATED WITH THE SOVIET PROBABLE LONG
RANGE SAM LAUNCH COMPLEXES DIFFERS IN BASIC RESPECTS TO THE
PREVIOUS CONCEPT OF A SYMMETRICAL SAIL AND CENTERED FEED
STRUCTURE.

THE RADAR HAS BEEN STUDIED ON ALL THE KH-7 [REDACTED] 25X1
COVERAGE ON WHICH IT HAS BEEN IDENTIFIED, AND ESPECIALLY AT
KAPUSTIN YAR, SARY SHAGAN, GORKIY SOKHOVO AND TALLINN AND IT
IS NOW DETERMINED TO BE ASSYMETRICAL WITH THE LEFT SIDE BEING
SUBSTANTIALLY SMALLER IN EVERY ASPECT THAN THE RIGHT. IN
ADDITION THE PROBABLE FEED STRUCTURE APPEARS TO SUPPORT AN
ELEMENT OR ELEMENTS OF UNIDENTIFIED FUNCTION AT ITS EXTREMITY.
ON A NUMBER OF PHOTO COVERAGES AN ADDITIONAL UNIDENTIFIED
ELEMENT IS OBSERVED ON THE EXTREME LEFT SIDE OF THE ANTENNA
JUST BELOW AND OUTBOARD OF THE SAIL. A MORE DETAILED DES-
CRIPTION OF THIS RADAR WILL BE PRESENTED IN A FORTHCOMING NPIC
REPORT BUT IT SHOULD BE STATED AT THIS TIME THAT ITS
APPEARANCE, AS NOW INTERPRETED, DOES NOT LEND ITSELF TO A
SINGLE APERTURE CONCEPT.

ONE FURTHER OBSERVATION IS THAT THE RADAR APPEARS TO BE
THE SAME BASIC PIECE OF EQUIPMENT WHEREVER IT OCCURS.

GP-1

TOP SECRET [REDACTED]

-END OF MESSAGE- ALSO PASSED [REDACTED]

25X1